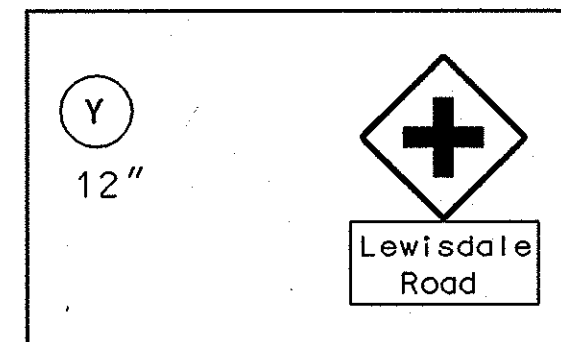


MD 75 IS CONSIDERED TO RUN IN A NORTH SOUTH DIRECTION.

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF AN INTERSECTION CONTROL BEACON FOR THE INTERSECTION OF MD 75 AND LEWISDALE RD

EXISTING SIGNALS

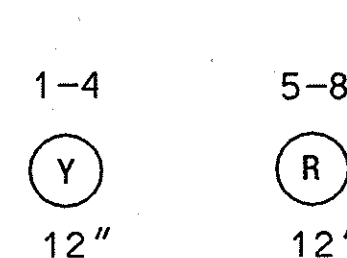


HIB EQUIPMENT TO BE REMOVED

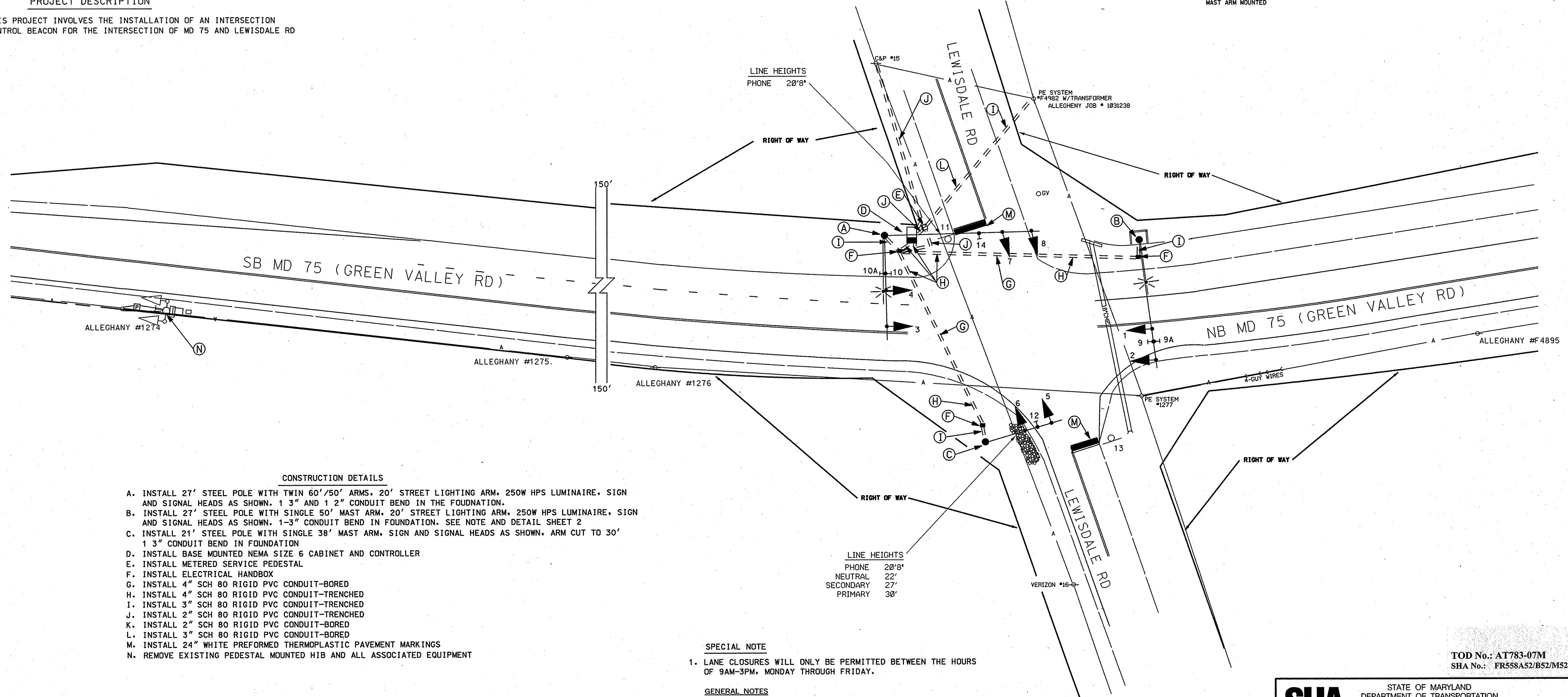
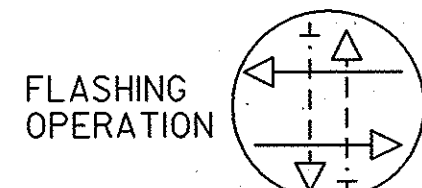
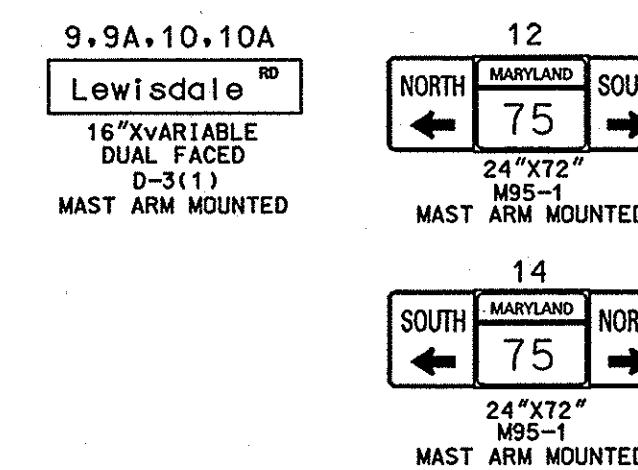
EXISTING SIGNS



PROPOSED SIGNALS



PROPOSED SIGNS



CONSTRUCTION DETAILS

- INSTALL 27' STEEL POLE WITH TWIN 60'/50' ARMS, 20' STREET LIGHTING ARM, 250W HPS LUMINAIRE, SIGN AND SIGNAL HEADS AS SHOWN, 1 3" AND 1 2" CONDUIT BEND IN THE FOUNDATION.
- INSTALL 27' STEEL POLE WITH SINGLE 50' MAST ARM, 20' STREET LIGHTING ARM, 250W HPS LUMINAIRE, SIGN AND SIGNAL HEADS AS SHOWN, 1-3" CONDUIT BEND IN FOUNDATION. SEE NOTE AND DETAIL SHEET 2
- INSTALL 21' STEEL POLE WITH SINGLE 38' MAST ARM, SIGN AND SIGNAL HEADS AS SHOWN, ARM CUT TO 30' 1 3" CONDUIT BEND IN FOUNDATION
- INSTALL BASE MOUNTED NEMA SIZE 6 CABINET AND CONTROLLER
- INSTALL METERED SERVICE PEDESTAL
- INSTALL ELECTRICAL HANDBOX
- INSTALL 4" SCH 80 RIGID PVC CONDUIT-BORED
- INSTALL 4" SCH 80 RIGID PVC CONDUIT-TRENCHED
- INSTALL 3" SCH 80 RIGID PVC CONDUIT-TRENCHED
- INSTALL 2" SCH 80 RIGID PVC CONDUIT-TRENCHED
- INSTALL 2" SCH 80 RIGID PVC CONDUIT-BORED
- INSTALL 3" SCH 80 RIGID PVC CONDUIT-BORED
- INSTALL 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
- REMOVE EXISTING PEDESTAL MOUNTED HIB AND ALL ASSOCIATED EQUIPMENT

SPECIAL NOTE

- LANE CLOSURES WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 9AM-3PM, MONDAY THROUGH FRIDAY.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

UTILITY LEGEND

- | | | |
|---|---|------------------|
| G | G | GAS MAIN |
| W | W | WATER MAIN |
| S | S | SEWER MAIN |
| E | E | ELECTRIC CABLES |
| A | A | AERIAL CABLES |
| T | T | TELEPHONE CABLES |

TOD No.: AT783-07M
SHA No.: FR558A52/B52/M52



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 75 @ Lewisdale Rd

TRAFFIC SIGNAL PLAN

SCALE 1:20	DATE 4/20/06	CONTRACT NO. AT783S185
DESIGNED BY C. STRAIN	COUNTY FREDERICK	
DRAWN BY C. STRAIN	LOGMILE 10007500.40	
CHECKED BY J. BIDDLE	TMS NO. H199	
FAP NO.	TOD NO.	
TS NO. 4479	DRAWING - OF	SHEET NO. 1 OF 2

PLOTTED: Tuesday, April 04, 2006 at 4:12:44 PM
FILE: MD 75 @ Lewisdale.dgn